

## ABSTRACT OF THE DISCLOSURE

Embodiments of a message conductor in a distributed computing environment are  
5 described. A message conductor may accept a data representation language schema that  
describes the ordering for messages that may be sent between a client and a service. This  
schema may specify user interface information. The schema may be parsed into an  
internal form and used to enforce message ordering. The conductor may prevent  
10 messages from being sent out of order. In some embodiments, a conductor may be linked  
to multiple gates. The message conductor may also provide a service interface that may  
interact with clients of the service to obtain all information to run a service, and then  
either display results of running the service or return information regarding the location of  
results. The service interface may be part of a message conductor or may be in addition  
15 to and work with the message conductor.

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